

IN THE CLAIMS:

Claims 1-7 have been amended. New claim 8 has been introduced into the application. All of the pending claims 1 through 8 are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as amended.

1. (currently amended) Satellite system for shallow diving in open sea characterized by comprehending comprising a main vessel (2) provided with a dynamic positioning system, and with the equipments equipment to monitor the a diving operation, to give assistance and orientation to the divers (6); the main vessel (2) operates with at least one support vessel support vessels (3), said at least one support vessel (3) being connected to the main vessel by means of an umbilical line (5) and said main vessel and said at least one support vessel together they set setting the divers (6) and the a support team at the a work location (4), at a safe distance from a propulsion system of the main vessel (2)-propulsion system.
2. (cancelled)
3. (currently amended) Satellite system for shallow diving in open sea according to claim 1, characterized by the main vessel (2) be- being used as base for diving work.
4. (currently amended) Satellite system for shallow diving in open sea characterized by comprising a main vessel (2) provided with a dynamic positioning system, and with equipment to monitor a diving operation, to give assistance and orientation to the divers, the main vessel (2) operates with support vessels (3), according to claim 1, characterized by the diving boats support vessels (3) be- being connected to the main vessel (2) by an supplying umbilical line (5) and said main vessel (2) and said support vessels (3) together setting the divers (6) and a support team at a work location (4), at a safe distance from a propulsion system of the main vessel (2).
5. (currently amended) Satellite system for shallow diving in open sea according to

~~claims 1 and 4~~ claim 4, characterized by the ~~diving boat (3)~~ support vessels (3) supporting a diving operation from a point at the surface of said open sea, above the ~~desired~~ work position location (4).

6. (currently amended) Satellite system for shallow diving in open sea according to claim 1, characterized by the umbilical line (5) ~~to be~~ having a positive buoyancy.
7. (currently amended) Satellite system for shallow diving in open sea according to claim 1, characterized by the umbilical line (5) ~~be~~ being used for positioning the at least one support vessel (3) relative to the main vessel (2).
8. (new) Satellite system for shallow diving in open sea according to claim 1, characterized by said at least one support vessel supporting a diving operation from a point at the surface of said open sea, above the work location (4).